

## APPLICATION FORM: GLOBAL TRAINING PROGRAMME 2017-2018 – INTERNSHIP INFORMATION

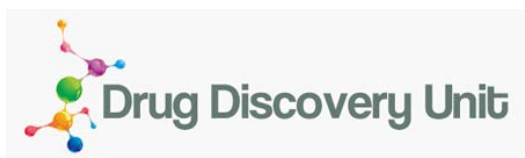
CORPORATIVE INFORMATION		
Name of the company	Drug Discovery Unit	
Contact Person	Dr. Mark Bell <span style="float: right;">Email: <input type="text"/></span>	
Location	Country	UK
	City	Dundee
	Address	Drug Discovery Unit College of Life Sciences University of Dundee Dow Street
Sector	Pharmaceutical/drug discovery	

PROPOSED INTERNSHIP INFORMATION		
Number of trainees to host	1	
Extension time (extra months and salary) OPTIONAL  <b>SEE DOCUMENT: "FORM 2_Global Training 2017 extension preliminary agreement"</b>	Extra months (2, 3 or 4 Months)	-
	Monthly payment for extra months (between 0-1358€/month)	-

INTERNSHIP/PLACEMENT INFORMATION	
Department (in case you want more than 1 trainee, indicate the different departments where they will work)	
Description of project/activities (in case you want more than 1 trainee, indicate the different projects/activities on which they will work)	Drug Discovery Unit is a clinical-stage biotechnology company, specialized in the discovery and development of small molecule medicines with novel modes of action (Tuberculosis, Malaria, Leishmaniosis, Cancer, Inflammation, Skin disease). The company is specialized in the aim of producing more sustainable and environmentally friendly procedures for the preparation of these biomolecules. The company offers, training given on the roles of medicinal chemistry, biology, drug metabolism, pharmacokinetics, and computational chemistry within drug development.

COMPETENCES, SKILLS and EXPERIENCE REQUIREMENTS	
Requested profile(s) information (Studies, previous experience, language skills, other skills...)	<ul style="list-style-type: none"> <li>Independent, innovative, self-motivated researcher with wide experience in practical synthetic organic chemistry.</li> <li>Knowledge of NMR spectroscopy and analytical HPLC.</li> <li>Experience of retrosynthetic and synthetic routes to lead compounds and report writing.</li> </ul> Graduate Degree in Organic Chemistry, Biochemistry or more (Master, PhD).
Other commentaries	

### INFORMATION ABOUT THE COMPANY/INSTITUTION

<b>LOGO</b>	
<b>WEBSITE</b>	<a href="http://www.drugdiscovery.dundee.ac.uk/">http://www.drugdiscovery.dundee.ac.uk/</a>
<b>INFORMATION ABOUT THE CITY AND THE AREA WHERE THE COMPANY/INSTITUTION IS LOCATED</b>  (General information about SECURITY, ACCOMODATION, PUBLIC TRANSPORT...)	<a href="https://www.lonelyplanet.com/scotland/central-scotland/dundee">https://www.lonelyplanet.com/scotland/central-scotland/dundee</a> <a href="https://wikitravel.org/en/Dundee">https://wikitravel.org/en/Dundee</a> <a href="https://www.dundee.ac.uk/">https://www.dundee.ac.uk/</a> <a href="http://www.lifesci.dundee.ac.uk/">http://www.lifesci.dundee.ac.uk/</a>
<b>GENERAL INFORMATION ABOUT THE COMPANY/INSTITUTION</b>	<p>The Drug Discovery Unit was established in 2006 to translate world-class biology research in to new de-risked targets and candidate drugs.</p> <p>The strategic vision of the DDU is to build on our position as a major centre of University-based drug discovery in the UK. We seek to expand our current interactions with academic and pharmaceutical partners in order to deliver a strong link between basic research and biopharmaceutical industry drug discovery and development.</p>
<b>NUMBER OF PEOPLE AT THE COMPANY OR DEPARTMENT WHERE THE TRAINEESHIP WILL TAKE PLAKE</b>	100
<b>MAIN ACTIVITY OF THE COMPANY/INSTITUTION</b>	Medicinal Chemistry/Drug Discovery/Pharmaceutical
<b>A BRIEF EXPLANATION OF MAIN PROJECTS</b>	<p>Development of new drugs for inflammatory skin disease</p> <ul style="list-style-type: none"> <li>• Work within a multidisciplinary team of drug discovery scientists. Training given on the roles of medicinal chemistry, biology, drug metabolism and pharmacokinetics and computational chemistry within drug development.</li> <li>• Use of state-of-the-art chemistry lab equipment including: flow reactors, robotic microwave reactors, Radley system array stations, H-cube reactors for hydrogenation, automated flash chromatography systems and mass directed preparative-HPLC</li> <li>• Design and multi-step synthesis of late stage targets</li> <li>• Attend drug discovery meetings learning about our portfolio of projects and disease areas.</li> <li>• Attend chemistry drug design meetings focused on all disease areas worked on within the drug discovery unit (Tuberculosis, Malaria, Leishmaniosis, Cancer, Inflammation, Skin disease)</li> </ul>
<b>PREVIOUS COLLABORATION IN INTERNSHIP/TRAINING PROGRAMMES?</b>	No
<b>OTHER COMMENTARIES</b>	This is an excellent opportunity to gain experiance in the type of work carried out in pharmaceutical companies and biotechs.